AMENDMENTS TO THE SPECIFICATION

IN THE SPECIFICATION:

Page 18

Please amend the Specification on page 18 beginning at line 15 as follows:

An aqueous solution of 100 μg/mL GFP expression plasmid (100 μL) was added to each well of a 24-well cell culture plate, and dried by blowing cool air. Human ~~adrenogenic~~ embryonic kidney epithelial cell line, 293 cells (ATCC: Cell Biology Collection) were suspended into the DMEM medium (Sigma) containing 10% fetal bovine serum (FBS), and seeded at 2.5×10^4 cells (500 μL)/well. Immediately after the cells were seeded, an aqueous solution of 1.7 M calcium chloride (0, 1.5, 2.5, 3.5, 5.0, 6.5, or 8.0 μL) was added and the plate was stirred to mix uniformly. The final concentration of calcium chloride in each medium was 1.8 mM, 7.1 mM, 10.2 mM, 14.2 mM, 19.5 mM, 24.8 mM, or 30.1 mM. On day 2 after seeding, cells were observed with fluorescence microscope, and the cells expressing GFP were counted to calculate the transfer efficiency.

Page 21

Please amend the Specification on page 21 beginning at line 30 and continuing onto page 22 as follows:

A solution containing complexes was prepared by mixing equal volumes of an aqueous solution of GFP expression plasmid (200 μg/mL) and an aqueous solution of 0.016 % atelocollagen. The complex solution (100 μL) was added to each well of a 24-well cell culture

plate, and dried by blowing cool air. Human ~~adrenogenic~~ embryonic kidney epithelial cell line, 293 cells or human cervical cancer-derived epithelial cell line, HeLa cells (ATCC: Cell Biology Collection) were suspended into the DMEM medium (Sigma) containing 10% fatal bovine serum (FBS), and seeded at 2.5 x 10^4 cells (500 μL)/well. Immediately after the cells were seeded, an aqueous solution of 1.7 M calcium chloride (5.0 μL) was added and the plate was stirred to mix uniformly. On day 2 after seeding, cells were observed with fluorescence microscope, and the cells expressing GFP were counted to calculate the transfer efficiency.